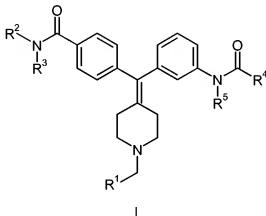


Listing of Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A compound of formula I, a pharmaceutically acceptable salt thereof, diastereomers, enantiomers, or mixtures thereof:



wherein

~~R¹ is selected from C₆₋₁₀aryl and or C₂₋₆heteroaryl, wherein said C₆₋₁₀aryl and C₂₋₆heteroaryl are optionally substituted with one or more groups selected from C₁₋₆alkyl, -R, -NO₂, -OR, -O-C₁₋₆alkyl, -Cl, -Br, -I, -F, and -CF₃, -C(=O)R, -C(=O)OH, -NH₂, -SH, -NHR, -NR₂, -SR, -SO₃H, -SO₂R, -S(=O)R, -CN, -OH, -C(=O)OR, -C(=O)NR₂, -NRC(=O)R, and -NRC(=O)-OR, wherein R is, independently, a hydrogen or C₁₋₆alkyl; and~~

~~R², R³, R⁴ and R⁵ are, independently, selected from hydrogen, C₁₋₆alkyl, and C₃₋₆cycloalkyl, wherein said C₁₋₆alkyl and C₃₋₆cycloalkyl are optionally substituted with one or more groups selected from C₁₋₆alkyl, -R, -NO₂, -OR, -O-C₁₋₆alkyl, -Cl, -Br, -I, -F, and -CF₃, -C(=O)R, -C(=O)OH, -NH₂, -SH, -NHR, -NR₂, -SR, -SO₃H, -SO₂R, -S(=O)R, -CN, -OH, -C(=O)OR, -C(=O)NR₂, -NRC(=O)R, and -NRC(=O)-OR, wherein R is, independently, a hydrogen or C₁₋₆alkyl.~~

2. (currently amended) A compound according to claim 1,

wherein ~~R¹ is selected from phenyl; pyridyl; thienyl; furyl; imidazolyl; triazolyl; pyrrolyl; thiazolyl; and or N-oxido-pyridyl, wherein R¹ is optionally substituted with one or more groups selected from C₁₋₆alkyl, halogenated C₁₋₆alkyl, -NO₂, -CF₃, C₁₋₆ alkoxy, chloro, fluoro, bromo, and iodo;~~

~~R², R³, and R⁴ are, independently, C₁₋₃alkyl or halogenated C₁₋₃alkyl; and~~

R⁵ is ~~selected from hydrogen, C₁₋₆alkyl, and~~ or C₃₋₆cycloalkyl, wherein said C₁₋₆alkyl and C₃₋₆cycloalkyl are optionally substituted with one or more groups selected from C₁₋₆alkyl, halogenated C₁₋₆alkyl, -NO₂, -CF₃, C₁₋₆ alkoxy, chloro, fluoro, bromo, and iodo.

3. (currently amended) A compound according to claim 1,

wherein R¹ is ~~selected from phenyl; pyridyl; thienyl; furyl; imidazolyl; pyrrolyl; and~~ or thiazolyl, wherein R¹ is optionally substituted with one or more groups selected from C₁₋₆alkyl, halogenated C₁₋₆alkyl, -NO₂, -CF₃, C₁₋₆ alkoxy, chloro, fluoro, bromo, and iodo;

R², R³, and R⁴ are, independently, C₁₋₃alkyl or halogenated C₁₋₃alkyl; and

R⁵ is hydrogen.

4. (original) A compound according to claim 1,

wherein R¹ is selected from phenyl, pyridyl, thienyl, furyl, imidazolyl, pyrrolyl, and thiazolyl;

R² and R³ are ethyl;

R⁴ is C₁₋₃alkyl; and

R⁵ is hydrogen.

5. (original) A compound according to claim 1, wherein the compound is selected from:

4-[[3-(acetylamino)phenyl][1-(thien-2-ylmethyl)piperidin-4-ylidene]methyl]-N,N-diethylbenzamide;

4-[[3-(acetylamino)phenyl][1-(2-furylmethyl)piperidin-4-ylidene]methyl]-N,N-diethylbenzamide;

4-[[3-(acetylamino)phenyl][1-(phenylmethyl)-4-piperidinyldiene]methyl]-N,N-diethylbenzamide;

4-[[3-(acetylamino)phenyl][1-(3-thienylmethyl)-4-piperidinyldiene]methyl]-N,N-diethylbenzamide;

4-[[3-(acetylamino)phenyl][1-(3-pyridinylmethyl)-4-piperidinyldiene]methyl]-N,N-diethylbenzamide;

4-[[3-(acetylamino)phenyl][1-(4-pyridinylmethyl)-4-piperidinyldiene]methyl]-N,N-diethylbenzamide;

4-[[3-(acetylamino)phenyl][1-(pyridin-2-ylmethyl)piperidin-4-ylidene]methyl]-N,N-diethylbenzamide;

4-[[3-(acetylamino)phenyl][1-(1,3-thiazol-4-ylmethyl)piperidin-4-ylidene]methyl]-N,N-diethylbenzamide;

4-[[3-(acetylamino)phenyl][1-(1,3-thiazol-5-ylmethyl)piperidin-4-ylidene]methyl]-N,N-diethylbenzamide; and pharmaceutically acceptable salts thereof.

6. (cancelled)

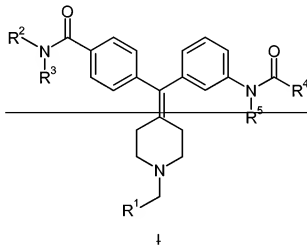
7. (withdrawn) A method for the therapy of pain, anxiety or functional gastrointestinal disorders comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 1.

8. (previously presented) A pharmaceutical composition comprising a compound according to claim 1 and a pharmaceutically acceptable carrier.

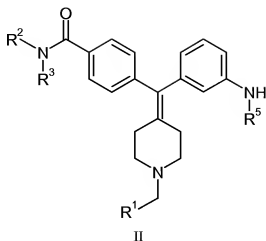
9. (withdrawn) A method for the therapy of pain in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 1.

10. (withdrawn) A method for the therapy of functional gastrointestinal disorders in a warm-blooded animal, comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 1.

11. (currently amended) A process for preparing a compound of formula I according to claim 1, comprising:



reacting a compound of formula II with X-C(=O)-R⁴ or R⁴C(=O)-OC(=O)R⁴:



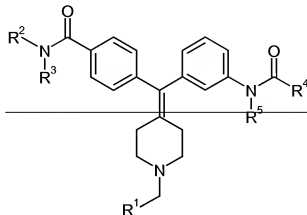
wherein

R¹ is ~~selected from~~ C₆₋₁₀aryl ~~and or~~ C₂₋₆heteroaryl, wherein said C₆₋₁₀aryl and C₂₋₆heteroaryl are optionally substituted with one or more groups selected from C₁₋₆alkyl, -R_t-NO₂, -OR_t, -O-C₁₋₆alkyl, -Cl, -Br, -I, -F, and -CF₃, -C(=O)R_t, -C(=O)OH, -NH₂, -SH, -NHR_t, -NR_{2t}, -SR_t, -SO₃H, -SO₂R_t, -S(=O)R_t, -CN, -OH, -C(=O)OR_t, -C(=O)NR₂, -NRC(=O)R_t, and -NRC(=O)-OR_t, wherein R is, independently, a hydrogen or C₁₋₆alkyl;

R², R³, R⁴ and R⁵ are, independently, selected from hydrogen, C₁₋₆alkyl, and C₃₋₆cycloalkyl, wherein said C₁₋₆alkyl and C₃₋₆cycloalkyl are optionally substituted with one or more groups selected from C₁₋₆alkyl, -R_t-NO₂, -OR_t, -O-C₁₋₆alkyl, -Cl, -Br, -I, -F, and -CF₃, -C(=O)R_t, -C(=O)OH, -NH₂, -SH, -NHR_t, -NR_{2t}, -SR_t, -SO₃H, -SO₂R_t, -S(=O)R_t, -CN, -OH, -C(=O)OR_t, -C(=O)NR₂, -NRC(=O)R_t, and -NRC(=O)-OR_t, wherein R is, independently, a hydrogen or C₁₋₆alkyl; and

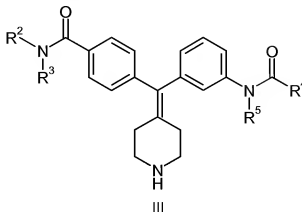
X is Cl, Br or I.

12. (currently amended) A process for preparing a compound of formula I, according to claim 1 comprising:



↓

reacting a compound of formula III with $R^1\text{-CHO}$ or $R^1\text{-CH}_2\text{X}$:



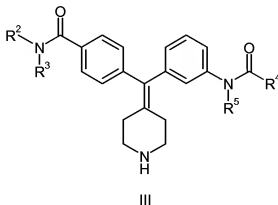
wherein

R^1 is ~~selected from~~ C_{6-10} aryl and or C_{2-6} heteroaryl, wherein said C_{6-10} aryl and C_{2-6} heteroaryl are optionally substituted with one or more groups selected from -R, -NO₂, -OR, -Cl, -Br, -I, -F, -CF₃, -C(=O)R, -C(=O)OH, -NH₂, -SH, -NHR, -NR₂, -SR, -SO₃H, -SO₂R, -S(=O)R, -CN, -OH, -C(=O)OR, -C(=O)NR₂, -NRC(=O)R, and -NRC(=O)OR, wherein R is, independently, a hydrogen or C_{1-6} alkyl;

R^2 , R^3 , R^4 and R^5 are, independently, selected from hydrogen, C_{1-6} alkyl, and C_{3-6} cycloalkyl, wherein said C_{1-6} alkyl and C_{3-6} cycloalkyl are optionally substituted with one or more groups selected from C_{1-6} alkyl, -R, -NO₂, -OR, -O- C_{1-6} alkyl, -Cl, -Br, -I, -F, and -CF₃, -C(=O)R, -C(=O)OH, -NH₂, -SH, -NHR, -NR₂, -SR, -SO₃H, -SO₂R, -S(=O)R, -CN, -OH, -C(=O)OR, -C(=O)NR₂, -NRC(=O)R, and -NRC(=O)OR, wherein R is, independently, a hydrogen or C_{1-6} alkyl; and

X is Cl, Br or I.

13. (original) A compound of formula III:



wherein

R^2 , R^3 , R^4 and R^5 are, independently, selected from hydrogen, C_{1-6} alkyl, and C_{3-6} cycloalkyl, wherein said C_{1-6} alkyl and C_{3-6} cycloalkyl are optionally substituted with one or more groups selected from C_{1-6} alkyl, $-R$, $-NO_2$, $-OR$, $-O-C_{1-6}$ alkyl, $-Cl$, $-Br$, $-I$, $-F$, and $-CF_3$, $-C(=O)R$, $-C(=O)OH$, $-NH_2$, $-SH$, $-NHR$, $-NR_2$, $-SR$, $-SO_3H$, $-SO_3R$, $-S(=O)R$, $-CN$, $-OH$, $-C(=O)OR$, $-C(=O)NR_2$, $-NRC(=O)R$, and $-NRC(=O)OR$, wherein R is, independently, a hydrogen or C_{1-6} alkyl.

14. (withdrawn) A method for the therapy of pain, anxiety or functional gastrointestinal disorders comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 2.

15. (withdrawn) A method for the therapy of pain, anxiety or functional gastrointestinal disorders comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 3.

16. (withdrawn) A method for the therapy of anxiety comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 1.

17. (withdrawn) A method for the therapy of anxiety comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 2.

18. (withdrawn) A method for the therapy of anxiety comprising the step of administering to said animal in need of such therapy a therapeutically effective amount of a compound according to claim 3.

19. (previously presented) A pharmaceutical composition comprising a compound according to claim 2 and a pharmaceutically acceptable carrier.

20. (previously presented) A pharmaceutical composition comprising a compound according to claim 3 and a pharmaceutically acceptable carrier.

21. (previously presented) A pharmaceutical composition comprising a compound according to claim 4 and a pharmaceutically acceptable carrier.

22. (previously presented) A pharmaceutical composition comprising a compound according to claim 5 and a pharmaceutically acceptable carrier.

23. (previously presented) A compound according to claim 13, wherein the compound is 4-[[3-(acetylamino)phenyl](piperidin-4-ylidene)methyl]-*N,N*-diethylbenzamide.